



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

647.7304
Job Sheet 169371



Part No: 647.7304

Job Qty: 1 ea

Part Name: EC135 T2/P2 Cable Cutters System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/8/17

Job Tracking No:

Due Date: 1/19/18

Created By: Mario Poulin

Type: SOLD

Description:

Customer: Metro Aviation Inc (CMETR01)

PO Box 7008 Shreveport, LA, 71137 USA ph:(318) 222-5529 fx:(318) 698-5205.

Note: 647.7300 REV.D IPP REV:A 16.04.27 NEW ISSUE DD VERF:JLM IPP REV:B 16.11.15 dwg rev.c DD
VERF:JLM IPP REV:C 17.12.07 AS PER DWG REV.D DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		1/19/18	0.00	0.00	Start Up Stores/Pkg-1		
110	Packaging	1 pcs		1/19/18	0.00	0.00	Packaging1-1		
120	QC	1 pcs		1/19/18	0.00	0.00	QC4		
125	DC	1 pcs		1/19/18	0.00	0.00	DC		
130	Packaging	1 pcs		1/19/18	0.00	0.00	Packaging3-1		
140	QC21-FG	1 Ea		1/19/18	0.00	0.00	QC21		

Part Op 125 - Photocopy bluefile & type labels per PPP 647.7304

Descriptions: 130 - Identify and pack for shipping as per PPP 647.7304

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	2600-LW	2	112	0	0
	26R16-1	2	0	0	0
	26S8-11	2	20	0	0
	600.0990	1	18	0	0
	600.0991	1	20	0	0
	600.1012	1	18	0	0
	601.2045	1	34	0	0
	601.2375	3	118	0	0
	601.2999	3	19	0	0
	601.3011	1	42	0	0
	601.3902	2	10	0	0
	647.0112	4	177	0	0
	647.1404	1	0	0	0
	647.1601	1	6	0	0
	647.1602	1	13	0	0
	647.1610	1	3	0	0
	647.1702	2	3	0	0
	647.1810	1	13	0	0
	647.1811	2	32	0	0
	647.1812	13	196	0	0
	647.1814	1	10	0	0
	647.1815	1	24	0	0
	647.1818	1	23	0	0

QA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS			
	Rework ☐	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	
	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	
	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	
	Suspected Unapproved ☐	Large Fab ☐	Composite ☐	Supplier ☐		

Date : _____	Step #: _____	QTY Effective : _____	MBR (06/242) Approval _____
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Description Work Order Deviation	Disposition

Inspected By _____
 Supervisor _____
 Initiator _____
 Date: 02/29/18

DART AEROSPACE
 Container No: S046524
 Part: 647.7304
 Job No: 169371
 Serial No/Batch: S046524
 Revision: D
 Inspector: _____

DART Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 CANADA
 TEL.: 1 813 832-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

Root Cause			FAULT CATEGORY		
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Po ☐	
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Fo ☐	
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Gr ☐	
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	W ☐	
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	W ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER : _____			

647.1913	1	11	0	0
647.1914	1	5	0	0
647.1915	1	20	0	0
647.2114	1	1	0	0
647.3201	1	0	0	0
647.7501	1	1	0	0
647.7701	2	6	0	0
647.7702	2	4	0	0
647.7819	1	3	0	0
647.7821	1	5	0	0
647.7822	1	5	0	0
647.7823	1	0	0	0
647.7910	2	4	0	0
647.7911	2	5	0	0
647.7912	4	9	0	0
647.7913	2	8	0	0
647.7914	1	8	0	0
647.7915	1	6	0	0
647.7916	2	11	0	0
647.7917	1	11	0	0
647.7918	1	9	0	0
647.8510	20	28	0	0
647.8511	4	11	0	0
647.8512	2	2	0	0
93635A212	4	14	0	0
AN3-11A	4	383	0	0
AN3-4A	2	223	0	0
AN316C4R	4	24	0	0
AN44-12A	2	11	0	0
AN4C7A	4	107	0	0
AN4CH6A	1	29	0	0
AN665-34R	4	36	0	0
CCR264SS-3-03	24	43	0	0
CCR274SS-3-03	4	57	0	0
CR3212-5-6	2	100	0	0
CR3213-4-2	4	251	0	0
CR3213-4-3	24	570	0	0
CR3213-4-4	16	215	0	0
CR3213-4-5	8	172	0	0
CR3213-4-6	17	337	0	0
CR3213-5-3	16	113	0	0
CR3213-5-4	12	48	0	0
CR3522-4-3	8	85	0	0
CR3522-5-3	8	45	0	0
CR3523-4-3	4	30	0	0
CR3523-4-4	24	17	0	0
CR3523-5-3	8	20	0	0
LN9025-0820K	8	34	0	0
LN9037-08018	8	22	0	0
MS21042-08	5	0	0	0
MS21042-3	35	39	0	0
MS21042L08	5.1	2,901	0	0
MS21042L4	4	4,560	0	0
MS21042L5	4	926	0	0
MS21047-3	12	408	0	0
MS21266-2N	1	35	0	0
MS24694-S54	5	53	0	0
MS27039-08-07	1	49	0	0
MS27039-08-13	4	353	0	0
MS27039-08-19	5	753	0	0
MS27039-1-07	3	81	0	0
MS27039-1-09	12	279	0	0
MS27039-1-10	6	479	0	0
MS27039-1-12	2	189	0	0
MS27039-1-14	4	558	0	0
MS27039-1-15	1	522	0	0
MS27039-1-16	4	173	0	0
MS27039-1-17	2	108	0	0
MS27039-1-18	2	1,425	0	0
NAS1149C0432R	12	906	0	0
NAS1149F0332P	89	2,083	0	0
NAS1149F0532P	4	674	0	0
NAS1149FN832P	25	3,651	0	0

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

NAS6603-12
NAS6603-16

4
4

103
48

0
0

0
0

Part Specifications

Specifications could not be found.

Plex 12/8/17 11:01 AM dart.poulin.mario

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
001180	S045696	600.0990	Magnabond 6398 Part A Size 112 ml	S039651	LG050 10/18	1
001180	S045697	600.0991	Magnabond 6398 Part B Size 112 ml	S039652	LG050 10/18	1
001180	S045693	600.1012	Sealant PR1425B2 (#654 sem)	S022034	CCK017 03/18	1
001180	S045689	601.2045	RTV (LOCTITE 598) 06/19	S019005	CCK095	1
001180	S045767	601.3011	P-Seal	S006166	CCK095	1.4
001180	S045762	647.0112	Strut Bracket	S041557	CCK106	4
001180	F163457	647.1601	Wiper Deflector Aft		CCK091	1
001180	S045764	647.1602	Doubler Assembly	FM130388-21	CCK107	1
001180	S045763	647.1610	Wiper Deflector Fwd	S029805	CCK091	1
001180	S045741	647.1810	Nose Door Doubler	FM130388-22	CCK108	1
001180	S045756	647.1811	Spacer	FM130388-23	CCK108	2
001180	S045749	647.1812	Shim	FM130388-14	CCK107	13
001180	S045748	647.1814	Gusset LH	FM130388-25	CCK108	1
001180	S045746	647.1815	Gusset RH	FM130388-26	CCK108	1
001180	S045744	647.1818	Nose Door Spacer	FM130388-17	CCK110	1
001180	F114126	647.1913	Tee		CCK093	1
001180	S045770	647.1914	Bracket	F161382	CCK110	1
001180	F92230	647.1915	Support Angle		CCK093	1
001180	S045736	647.3201	Grounding Cable Assembly	S022877	CCK111	1
001180	S026169	647.7701	Strut Assembly	S026015	ST444	2
001180	S045771	647.7702	Strut Assembly	S026007	CCK076	2
001180	S045735	647.7819	Cross Bracket Fwd	S028020	CCK115	1
001180	S045734	647.7821	Eye Bolt Fitting LH	F130388	CCK115	1
001180	S045731	647.7822	Eye Bolt Fitting RH	FM130388-2	CCK115	1
001180	S045730	647.7823	Cross Bracket Aft	S024323	CCK066	1
001180	S045728	647.7910	Angle Bracket	S026032	CCK115	2
001180	S026895	647.7912	Clip	S026894	CCK115	4
001180	S045724	647.7914	Bracket	F165270	CCK115	1
001180	S045720	647.7915	Bracket	FM130388-1	CCK116	1
001180	S045719	647.7916	Bracket	FM130388-33	CCK116	2
001180	S045716	647.7917	Bracket	F131356	CCK116	1
001180	S045715	647.7918	Bracket	F119630	CCK116	1
001180	S045711	647.8510	Insert	S030909	CCK116	12
001180	S018158	647.8511	Insert	FM137481-1	CCK116	3
001180	S045709	647.8511	Insert	S026165	CCK116	1
001180	S045632	CR3213-4-05	Rivet	S049315	ST319	8
001180	S034308	LN9037-08018	Screw	S034055	Start Up Stores/Pkg-1	2
001180	S045568	LN9037-08018	Screw	S034055	ST564	6
001180	S045562	MS21266-2N	Grommet	F123900	ST294	1
001180	S045481	NAS6603-16	Bolt	FM133523	ST552	4

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

647.7913

F159894

X2

647.8510

F161387

X8

Plex 2/27/18 7:30 AM dart.quirion.sonia

CR 3213-5-4 S038754 X12
 CR 3522-4-3 CR3522-4-3 X2
 CR 3522-5-3 Fm136199-3 X8
 CR 3523-4-3 Fm139764 X4
 CR 3523-4-4 S019382 X4
 CR 3523-5-3 Fm134962-4 X4
 LN 9023-0820K S039032 X4
 LN 9037-08018 S031308 X2
 S031055 X6
 MS21042-3 S027548 X35
 MS21042L08 S016879 X10
 MS21042L4 S016351 X4
 MS21042L5 S016880 X4
 MS21047-3 S016887 X18
 MS24694-554 S027480 X5
 MS27039-0807 Fm132035 X1
 MS27039-08-13 S019320-1
 MS27039 08-19 S027543 X5
 MS27039-1-02 S040536 X3
 MS27039-1-09 Fm131544 X2 S017101 X4
 MS27039-1-10 S006970 X6
 MS27039-1-12 S027544 X2
 MS27039-1-14 Fm1321326-4 X4
 MS27039-1-15 S003923 X1
 MS27039 1-16 S027545 X4
 MS27039-1-17 Fm127831-4 X2
 MS27039-1-18 Fm24326 X2
 NAS1149C0432R S025742 X12
 VAS1149F0332P S020603 X89
 VAS1149F0522P S034412 X4
 VAS1149F0832P S020601 X25
 NAS6603-12 S007044 X4
 NAS6603-16 Fm133523 X4

AN316C42 S019359 X4
 AN4-12A Fm137387-80 X2
 AN4C7A Fm139246-0 X4
 AN4CH6A F123525 X1
 AN665-342 S019413 X4
 CCR264 SS-3-03 S019420 X24
 CCR274 SS-3-03 S019420 X24
 CR32-S-06 F123785-3 X2
 CR3213-4-2 S019424 X4
 CR3213-4-3 S019316 X24
 CR3213-4-4 S019368 X16
 CR3213-4-05 S019315 X8
 CR3213-4-6 S019369 X16
 CR3213-5-3 S023372 X16
 AN3-4A S019398 X2
 AN3-11A S014740 X4
 93635A212 S021320 X4
 601.3902 F153184 X2
 601.2999 F93363 X1
 601.2375 F91708 X3
 2658-11 S016905 X2
 26R16-1 S022852 X2
 2600CW S027513 X2
 647-8512 S026305 X2